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## Hypothesis

- Presence of a basic amino acid residue at either position 66 or 122 is a condition for enzymic activity in the ribonuclease superfamily (FEB 07488) *J.J. Beintema*

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## Research Letters

- Adenosine formation by isolated rat kidney mitochondria (FEB 07511) *W. Henke, M. Ziegler, W. Dubiel, K. Jung*
- Synthesis of spin-labeled 2-azido-ATP: evidence for distinct nucleotide-binding sites in calcium pump protein from sarcoplasmic reticulum (FEB 07510) *P. Jakobs, H.E. Sauer, J.O. McIntyre, S. Fleischer, W.E. Trommer*
- Probing the topography of the intramembrane part of Na<sup>+</sup>,K<sup>+</sup>-ATPase by photolabelling with 3-(trifluoromethyl)-3-(*m*-[<sup>125</sup>I]iodophenyl)diazirine: Analysis of the hydrophobic domain of the  $\beta$ -subunit (FEB 07509) *E.N. Chertova, S.V. Lutsenko, N.B. Levina, N.N. Modyanov*
- The Na<sup>+</sup>-motive respiration in *Escherichia coli* (FEB 07508) *A.V. Avetisyan, P.A. Dibrov, V.P. Skulachev, M.V. Sokolov*
- Identification of a phosphorylation site of the rat insulin receptor catalyzed by protein kinase C in an intact cell (FEB 07524) *O. Koshio, Y. Akanuma, M. Kasuga*
- An increase in intracellular free calcium is an early event during differentiation of cultured human keratinocytes (FEB 07523) *G.R. Sharpe, J.I. Gillespie, J.R. Greenwell*
- Enhancement of arachidonic acid liberation by protein kinase C activator is partially dependent on extracellular Na<sup>+</sup> in rabbit platelets (FEB 07525) *S. Akiba, T. Sato, T. Fujii*
- Nitrite reductase from *Pseudomonas aeruginosa*: sequence of the gene and the protein (FEB 07530) *M.C. Silvestrini, C.L. Galeotti, M. Gervais, E. Schininà, D. Barra, F. Bossa, M. Brunori*
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